

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Martyn Pritchard et al.  
Serial No. : 10/598,520  
Filed : September 1, 2006  
Title : THERAPEUTIC COMPOUNDS

Art Unit : Unknown  
Examiner : Unknown  
Conf. No. : 6818

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request. A copy of a communication from a foreign patent office in a PCT application PCT/GB2005/000800 is also enclosed.

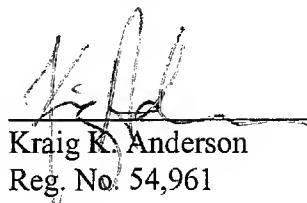
The Examiner's attention is brought to U.S. Applications Serial No. 10/547,454, filed June 28, 2006, Serial No. 10/547,455, filed July 26, 2006, Serial No. 10/547,462, filed October 26, 2006, and Serial No. 10/537,564, filed August 28, 2006.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits.

Please apply any charges to Deposit Account No. 06-1050.

Respectfully submitted,

Date: Aug 1, 2007

  
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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13425-200US1	Application No. 10/598,520
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Martyn Pritchard et al.		
		Filing Date September 1, 2006	Group Art Unit Unknown	

<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,936,439	02/03/1976	Marumoto, et al.			
	AB	4,225,591	09/30/1980	Marumoto, et al.			
	AC	4,255,565	03/10/1981	Marumoto, et al.			
	AD	4,705,758	11/10/1987	Bruns			
	AE	5,677,290	10/14/1997	Fukunaga et al.			
	AF	5,679,650	10/21/1997	Fukunaga et al.			
	AG	5,877,180	03/02/1999	Linden, et al.			
	AH	5,942,497	08/24/1999	Fukunaga et al.			

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AI	AU 49412/72	05/30/1974	Australia			
	AJ	DE 2258378	06/14/1973	Germany			Corresponding to AU 49412/72
	AK	FR 2162128	07/13/1973	France			Corresponding to AU 49412/72
	AL	WO 199638728	12/05/1996	WIPO			
	AM	WO 199934804	07/15/1999	WIPO			
	AN	WO 2004079329	09/16/2004	WIPO			

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AO	"Aldrich Handbook of Fine Chemicals and Laboratory Equipment," 1015-1016, (2000); XP002366927.
	AP	Askalan, R. et al., "Role of Histidine Residues in the Adenosine A2A Receptor Ligand Binding Site," <i>Journal of Neurochemistry</i> , 63(4):1477-84, (1994); XP001196996.
	AQ	Bartlett, R. et al., "Synthesis and Pharmacological Evaluation of a Series of Analogues of 1-Methylisoguanosine," <i>Journal of Medicinal Chemistry</i> , 24:947-54, (1981); XP02225573.
	AR	Belardinelli, L. & Isenberg, G., "Isolated Atrial Myocytes: Adenosine and Acetylcholine Increase Potassium Conductance," <i>The American Journal of Physiology</i> , 224:H734-H737, (1983).
	AS	Belfrage, M. et al., "The Safety and Efficacy of Intrathecal Adenosine in Patients with Chronic Neuropathic Pain," <i>Anesthesia and Analgesia</i> , 89(1):136-42, (1999); XP009027670.

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(37 CFR §1.98(b))		Filing Date September 1, 2006	Group Art Unit Unknown

**Other Documents (include Author, Title, Date, and Place of Publication)**

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	AT	Bhakuni, D., "Biological Activity of Marine Nucleosides and their Analogues," <i>Proceedings of the Indian National Science Academy. Part B Biological Sciences</i> , 65(Part 2):97-112, (1995); XP001165752.
	AU	Bressi, J. et. al., "Adenosine Analogues as Inhibitors of Trypanosoma Brucei Phosphoglycerate Kinase: Elucidation of a Novel Binding Mode for a 2-Amino-N6-Substituted Adenosine," <i>Journal of Medicinal Chemistry</i> , 43(22):4135-50, (2000); XP000999137.
	AV	Collins, S. et al., "The Effect of GR190178, a Selective Low-Efficacy Adenosine A1 Receptor Agonist, on the Treatment of Neuropathic Hyperalgesia in the Rat," <i>British Journal of Pharmacology</i> , 133(Proceedings Supplement):48p (2001), Proceedings of the British Pharmacological Society Meeting, (Dec. 18-21, 2000); XP009027671.
	AW	Daly, J. et al., "Structure-Activity Relationships for N6-Substituted Adenosines at a Brain A1-Adenosine Receptor with a Comparison to an A2-Adenosine Receptor Regulating Coronary Blood Flow," <i>Biochemical Pharmacology</i> , 35(15):2467-81 (1986) XP009010090
	AX	Dan, K., "Nerve Block Therapy and Postherpetic Neuralgia," <i>Critical Reviews in Physical and Rehabilitation Medicine</i> , 7(2):93-112 (1995) Embase Database Accession No. EMB-1995373280. XP002273335
	AY	De Zwart, M. et al., "5'-N-Substituted Carboxamidoadenosines as Agonists for Adenosine Receptors," <i>Journal of Medicinal Chemistry</i> , 42(8): 1384-92 (1999) XP001002032
	AZ	Deghati, P. et al., "Regioselective Nitration of Purine Nucleosides: Synthesis of 2-Nitroadenosine and 2-Nitroinosine," <i>Tetrahedron Letters</i> , 41(8):1291-5 (2000) XP004188609
	AAA	Feoktistov, I. et al., "Adenosine A2B Receptors: A Novel Therapeutic Target in Asthma?," <i>Trends in Pharmacological Sciences</i> , 19(4):148-53 (1998) XP002287445
	ABB	Fishman, P. et al., "A3 Adenosine Receptor as a Target for Cancer Therapy," <i>Anti-Cancer Drugs</i> , 13(5):437-43 (2002) XP009024520
	ACC	Hiley, C. et al., "Effects of pH on Responses to Adenosine, CGS 21680, Carbachol and Nitroprusside in the Isolated Perfused Superior Mesenteric Arterial Bed of the Rat," <i>British Journal of Pharmacology</i> , 116(6):2641-6 (1995) XP008032448
	ADD	Jiang, Q. et al., "Mutagenesis Reveals Structure-Activity Parallels Between Human A2A Adenosine Receptors and Biogenic Amine G Protein-Coupled Receptors," <i>Journal of Medicinal Chemistry</i> , 40(16):2588-95 (1997) XP002287314
	AEE	Kaul, P. et al., "Adenosine Agonist of Marine Origin Indicative of Two Types of Adenosinergic Receptors," <i>Pharmacologist</i> , 23(3):540 (1981) XP009027638
	AFF	Keeling, S. et al., "The Discovery and Synthesis of Highly Potent, A2a Receptor Agonists," <i>Bioorganic and Medicinal Chemistry Letters</i> , 10(4):403-6 (2000) XP004189943
	AGG	Kirk, I. et al., "Further Characterization of [3H]-CGS 21680 Binding Sites in the Rat Striatum and Cortex," <i>British Journal of Pharmacology</i> , 114(2):537-43 (1995) XP008032472
	AHH	Klitgaard, H. et al., "Contrasting Effects of Adenosine A <sub>1</sub> and A <sub>2</sub> Receptor Ligands in Different Chemoconclusive Rodent Models," <i>European Journal of Pharmacology</i> , 242:221-8 (1993)
	AII	Knabb, R. et al., "Consistent Parallel Relationships Among Myocardial Oxygen Consumption, Coronary Blood Flow, and Pericardial Infusate Adenosine Concentration with Various Interventions and Beta-Blockade in the Dog," <i>Circulation Research</i> , 53:33-41 (1983)
	AJJ	König, G., "Meeresorganismen als Quelle Pharmazeutisch Bedeutsamer Naturstoffe," <i>Deutsche Apotheker Zeitung</i> , 132(14):673-83 (1992) XP002255617

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		Filing Date September 1, 2006	Group Art Unit Unknown	

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>			
Examiner Initial	Desig. ID	Document	
	AKK	Makujina, S. et al., "Structure-Activity Relationship of 2-(ar) Alkoxyadenosines at the Adenosine A <sub>2</sub> Receptor in Coronary Artery," <i>European Journal of Pharmacology</i> , 243:35-8 (1993)	
	ALL	Marumoto, R. et al. "Synthesis and Coronary Vasodilating Activity of 2-Substituted Adenosines," <i>Chemical and Pharmaceutical Bulletin</i> , 23(4):759-74 (1975) XP002154408	
	AMM	Matova, M. et al. "QSAR Analysis of 2-Alkyloxy and 2-Aralkyloxy Adenosine A1- and A2-Agonists," <i>European Journal of Medicinal Chemistry</i> , 32(6):505-13 (1997) XP004088461	
	ANN	Matsuda et al., Nucleosides and Nucleotides. XXVII. Synthesis of 2- and 8-Cyanoadenosines and their Derivatives," <i>Chemical and Pharmaceutical Bulletin</i> , 27(1):183-92 (1979) XP002127436	
	AOO	Matsuda, A. et al., "Nucleosides and Nucleotides. 103. 2-Alkyladenosines: a Novel Class of Selective Adenosine A2 Receptor Agonists with Potent Antihypertensive Effects," <i>Journal of Medicinal Chemistry</i> , 35:241-52 (1992) XP002170995	
	APP	Miles, R. et al., "Nucleic Acid Related Compounds," <i>Journal of the American Chemical Society</i> , 117:5951-7 (1995) XP002366161	
	AQQ	Nair, V. et al., "Novel, Stable Cogeners of the Antiretroviral Compound 2', 3'-Dideoxyadenosine," <i>Journal of the American Chemical Society</i> , 111(22):8502-4 (1989) XP001105896	
	ARR	Ojha, L. et al., "A Simple Method for Synthesis of Spongiosine, Azaspóngosine, and their Antiplatelet Effects," <i>Nucleosides and Nucleotides</i> , 14(9-10):1889-1900 (1995) XP009027643	
	ASS	Okusa, M., "A2A Adenosine Receptor: A Novel Therapeutic Target in Renal Disease," <i>American Journal of Physiology</i> , 282(1 Part 2):F10-F18 (2002) XP002287448	
	ATT	Rieger, J.M. et al., "Design, Synthesis, and Evaluation of Novel A2A Adenosine Receptor Agonists," <i>Journal of Medicinal Chemistry</i> , 44:531-9 (2001) XP002222174	
	AUU	Ribeiro, J. et al., "Adenosine Receptors in the Nervous System: Pathophysiological Implications," <i>Progress in Neurobiology</i> , 68(6):377-92 (2002) XP002287447	
	AVV	Sawynok, J. "Adenosine Receptor Activation and Nociception," <i>European Journal of Pharmacology</i> , 317(1):1-11 (1998) XP002273334	
	AWW	Schaeffer, H. et al., "Synthesis of Potential Anticancer Agents. XIV. Ribosides of 2, 6-Disubstituted Purines," <i>Journal of the American Chemical Society</i> , 80:3738-42 (1958) XP002300926	
	AXX	Smith, J. et al., "The Effects of Reduced pH on A2B Adenosine Receptor-Evoked Cyclic AMP Generation in the Guinea-Pig Cerebral Cortex," <i>British Journal of Pharmacology</i> , 123 (Proc. Suppl.): 195p (1998). Meeting of the British Pharmacological Society Held Jointly with the Dutch Pharmacological Society (Dec. 10-12, 1997) XP008032489	
	AYY	Sullivan, G. et al., "Role of A2A Adenosine Receptors in Inflammation," <i>Drug Development Research</i> , 45(3/4):103-12 (1998) XP000978332	
	AZZ	Ueda, M. et al., "2-Alkoxyadenosines: Potent and Selective Agonists at the Coronary Artery A2 Adenosine Receptor," <i>Journal of Medicinal Chemistry</i> , 34:1334-1339 (1991) XP002225574	
	AAAA	Ueda, M. et al., "2-Aralkyoxadenosines: Potent and Selective Agonists at the Coronary Artery A2 Adenosine Receptor," <i>Journal of Medicinal Chemistry</i> , 34(4):1340-1344 (1991) XP004088461	
	ABBB	Ueda, M. et al., "Cardiovascular Actions of Adenosines, but not Adenosine Receptors, Differ in Rat and Guinea Pig," <i>Life Sciences</i> , 49:1351-8 (1991)	
	ACCC	Umino, T. et al., "Nucleosides and Nucleotides. 200. Reinvestigation of 5'-N-Ethylcarboxamidoadenosine Derivatives: Structure-Activity Relationships for P(3) Purinoceptor-Like Proteins," <i>Journal of Medicinal Chemistry</i> , 44:208-14 (2001) XP002366162	

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	ADDD	Vittori, S. et al., "2-Alkenyl and 2-Alkyl Derivatives of Adenosine and Adenosine-5'-N-Ethyluronamide: Different Affinity and Selectivity of E- and Z-Diastereomers at A2A Adenosine Receptors," <i>Journal of Medicinal Chemistry</i> , 39:4211-7 (1996) XP002366163
	AEEE	Copy of International Preliminary Report on Patentability for Application No. PCT/GB2005/00080, by Examiner Arjan de Nooy, dated November 10, 2006.
	AFFF	Copy of International Search Report for PCT/GB2005/00080, by Examiner Arjan de Nooy, dated February 9, 2006.

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